PHYSIK | CHEMIE BIOLOGIE | TECHNIK

LD DIDACTIC

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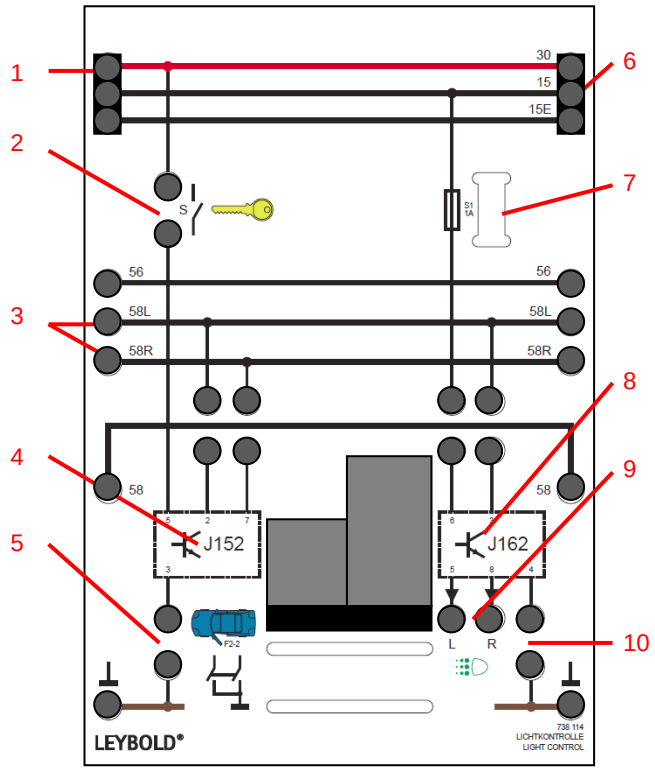

User manual 738 114

Light control

1 Connection battery voltage T 30
2 Signal „ignition key in lock“ (T 86S)
3 Connections parking light left (58L) and right (58R)
4 Light warning device
5 Door ajar sensor
6 Connection voltage hot on ignition T 15
7 Fuse Daytime running lights
8 Daytime running light module
9 Outputs DRL right and left
10 Ground Daytime running light module

Note
Sockets „15E“, „56“ and „58“ can be used to loop the signals through

1 Description

The unit „Light control“ is used
a.) to show the function of a light warning device which is controlled by means a ground switched door ajar sensor on the one hand side and by the „Key in the lock“ signal 86S on the other hand side and
b.) to show the function of a control module to control a backfit Daytime running light unit depending on the signals „Ignition on“ T 15 and „Lights on“ T 58 automatically.

2 Scope of delivery

- Experiment panel „Light control“

3 Technical Data

- Supply voltage: V_B = +12-15 $V_=$
  Light warning device:
- Switch type: NC
- Switch positions: 2 (0,I)
  Daytime running light module:
- Fuse DRL: 5 A
- Lamp type DRL: LED white
- Control of DRL: PWM
- Switching frequency: 100 Hz
- Switching mode: Soft-off

Safety notes

- The device is suitable for use only in dry rooms!
- The unit must not be put into operation if it has any visible damage.
- Use safety bridging plugs and undamaged safety experiment cables only!
- The device may only be used for training purposes. Installation in a real vehicle is not permitted!
- Make sure that when repairs are required only original spare parts are used!

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